

REMARKS

Claims 1-13 and 15-17 remain pending in the application. Claim 4 was previously canceled. Claims 1-3, 5-8, 10, 11, 13 and 15 have been amended. Claims 18-20 have been newly added. Reconsideration of the rejection and allowance of the pending application in view of the following remarks are respectfully requested.

As an initial matter, Applicants would like to thank the Examiner for considering the arguments Applicants set forth in the Response filed on February 28, 2005 with respect to the previous 35 U.S.C. § 102(b) rejection of claim 13 over Beyers et al. (U.S. Patent No. 5,381,477), and the 35 U.S.C. § 103(a) rejection of claims 1-12 and 15-17 over Beyers et al. in view of Eda et al. (U.S. Patent No. 5,760,820), and for withdrawing those rejections.

Applicants also thank the Examiner for accepting the drawings filed on February 28, 2005, and for acknowledging Applicants' claim for foreign priority and receipt of the certified copy of the priority document. Applicants also wish to thank the Examiner for considering all of the documents included in the Information Disclosure Statements filed on November 28, 2004 and December 10, 2004.

In the Office Action of May 19, 2005, the Examiner rejected claim 13 under 35 U.S.C. § 102(e) as being anticipated by Terakado et al. (U.S. Patent No. 6,311,329). Applicants respectfully traverse this rejection for at least the following reasons.

One aspect of the present invention is directed to a computer readable

medium that stores a reconstruction program that controls reconstruction of main contents and sub contents. The reconstruction program includes instructions for selecting an output form of sub contents data in accordance with a predetermined output form corresponding to an output form ID included in the sub contents data, and in accordance with output contents data included in the sub contents data. That is, the output form is determined based on the output form ID. Applicants submit that at least this feature is not taught by Terakado. See, for example, page 31, line 22 – page 33, line 9 of the specification.

Terakado is directed towards an information providing system that provides an electronic program guide (EPG). Terakado discloses that a data editor 31 produces A data, composed of A1 data, A2 data, and A3 data. See col. 6, lines 25-31. The A1 data is composed of (among other things) a “PROGRAM CATEGORY” and a “BROADCASTING TYPE”. See col. 6, line 60 – col. 7, line 7. The A3 data includes program detail information. See col. 6, lines 55-59.

Terakado also discloses that the program detail information is different for individual categories of programs. For example, if the program category is “MOVIE”, the program detail information may be (among other things) “COMMENTARY” and “SHOOTING LOCATION INFORMATION”. See col. 8, lines 47-52.

In the Office Action, the Examiner appears to assert that since program detail information is displayed according to an EPG layout upon detection of the different kinds of program categories, the kind of program category serves as a form ID.

However, Applicants respectfully submit that a screen layout in Terakado's system is not specified by an airdate or a program category. Rather, the screen layout is specified by a selection by the user, and an airdate and a program category included in the A data merely serves as an index for obtaining B data corresponding to an airdate determined by a user and a program category.

Terakado discloses, in col. 8, lines 55-59, that the user determines a program category. In col. 8, line 66 through col. 9, line 3, Terakado discloses that the system acquires the screen layout corresponding to a program category determined by the user. The system fetches necessary data (B data) for displaying the determined screen layout from the hierarchized data (A data), and the system displays the data (B data) acquired in the screen layout. See col. 7, lines 53-57 and col. 8, lines 66 through col. 9, line 6.

Thus, Applicants respectfully submit that Terakado fails to disclose (or even suggest) a computer readable medium that stores a reconstruction program, according to Applicants' invention, in which the reconstruction program includes instructions for determining an output form of sub contents data in accordance with a predetermined output form corresponding to an output form ID included in the sub contents data, as recited in independent claim 13.

For at least these reasons, Applicants respectfully submit that the 35 U.S.C. § 102(e) rejection of claim 13 is improper, and respectfully request withdrawal of this ground of rejection.

In the Office Action, the Examiner rejected claims 1-12 and 15-17 under 35 U.S.C. § 103(a) as being unpatentable over Terakado et al. in view of Eda et

al. Applicants respectfully request withdrawal of this rejection.

According to another aspect of the present invention, a broadcast system includes, inter alia, a transmission device and a reception device. The transmission device includes a multiplex portion that multiplexes main contents data and sub contents data so as to generate a transport stream, and a transmission portion that transmits the transport stream generated by the multiplex portion. The sub contents data includes an output form ID that indicates an output form of the sub contents.

The reception device includes a reception portion that receives the transport stream transmitted by the transmission device, and a reconstruction portion that controls reconstruction of main contents and sub contents in accordance with the received transport stream. The reconstruction portion determines an output form of the sub contents data in accordance with an output form that is predetermined for the output form ID in the received sub contents data.

As noted above, the Examiner appears to assert that since program detail information is displayed according to an EPG layout upon detection of the different kinds of program categories, the kind of program category serves as a form ID. However, Applicants submit that Terakado's screen layout is not acquired by the airdates included in the A data and the program category. Instead, the screen layout is fetched by the air date determined by the user and the program category. The airdates and the program category included in the A data merely serves as an index for obtaining B data corresponding to an airdate

determined by the user and the program category for the A data.

On the other hand, in the present invention, the output form of sub contents data is an item determined in accordance with a predetermined output form for an output form ID. That is, the output form is determined based on the output form ID.

Applicants further submit that Eda fails to disclose or suggest at least the above-discussed feature.

Eda is directed to a digital signal transmission system. In the Office Action, the Examiner cited Eda as disclosing a multiplexer which multiplexes video streams, audio streams, and an information stream. However, Applicants respectfully submit that Eda fails to disclose or suggest sub contents data that includes an output form ID that indicates an output form of the sub contents, as taught by Applicants' instant invention.

Thus, Applicants respectfully submit that the combination of Terakado and Eda asserted by the Examiner fails to disclose (or even suggest) a broadcast system that includes a transmission device including a multiplex portion, where the multiplex portion generates sub contents data which include an output form ID that indicates an output form of the sub contents, and a reception device including a reconstruction portion that determines an output form of the sub contents data in accordance with an output form that is predetermined for the output form ID, as recited in independent claims 1-3 and 15-17.

For at least these reasons, Applicants respectfully submit that the 35 U.S.C. § 103(a) rejection of independent claims 1-3 and 12 is improper, and

request withdrawal of the rejection.

Dependent claims 4-11 and 18-20 are submitted to be in condition for allowance for at least the reasons set forth above with respect to independent claims 1-3.

Newly added dependent claims 18 and 20 recite that the reconstruction portion determines whether the received sub contents data include an output form ID which corresponds to an output form ID stored in a reference table of the reception device. If the sub contents data includes an output form ID that corresponds to an output form ID stored in the reference table, the reception device presents the output contents in an output form corresponding to the output form ID. However, if the sub contents data does not include an output form ID that corresponds to an output form ID stored in the reference table, the reception device presents the output contents based upon a script included in the sub contents data.

Newly added dependent claim 19 recites that the multiplex portion is configured to generate sub contents data that includes an output form ID and sub contents data that includes a script, and that the sub contents data includes one of an output form ID and a script, the script providing instructions for presenting the output contents.

Applicants respectfully submit that the applied prior art fails to disclose or suggest the above-noted features recited in claims 18-20, and respectfully submit that claims 18-20 are allowable for at least these additional reasons.

P25630.A06

Based on the above, it is respectfully submitted that this application is now in condition for allowance, and a Notice of Allowance is respectfully requested.

SUMMARY AND CONCLUSION

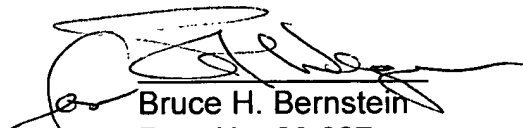
Entry and consideration of the present amendment, reconsideration of the outstanding Office Action, and allowance of the present application and all of the claims therein are respectfully requested and now believed to be appropriate.

Applicants have made a sincere effort to place the present invention in condition for allowance and believe that they have now done so.

Any amendments to the claims which have been made in this amendment, and which have not been specifically noted to overcome a rejection based upon the prior art, should be considered to have been made for a purpose unrelated to patentability, and no estoppel should be deemed to attach thereto.

Should the Examiner have any questions or comments regarding this response, or the present application, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully Submitted,  
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